

# **SEAMANSHIP**

Afloat  
Self-Assessment  
Check sheets

**10 JUNE, 2009**

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- I. References
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I. REQUIRED PUBLICATIONS/DOCUMENTATION	Y	N	NA
1. U.S. NAVY TOWING MANUAL REV 3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. NWP 4-01.4 (UNREP MANUAL)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. ATP-16(D) UNCLASS (NATO UNREP MAN)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. OPNAVINST 3500.39 ORM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. SAFETY MANUAL FORCES AFLOAT (OPNAV 5100.19)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. UNREP HARDWARE AND EQUIPMENT MANUAL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. NSTM 613 WIRE ROPE rev 3 (4 pending)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. NSTM 581 ANCHORING rev 3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. NSTM 589 CRANES (Ship specific) rev 6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. NSTM 582 MOORING AND TOWING rev 2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. NSTM 583 BOATS AND SMALL CRAFT VOL I/II	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. NSTM 571 UNDERWAY REPLENISHMENT rev 3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. NSTM 077 PERSONNEL PROTECTION EQUIPMENT rev 6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. NSTM 600 HULL OUTFITTING EQUIPMENT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. NSTM 611 FENDERS AND SEPARATORS rev 2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. NSTM 634 DECK COVERINGS rev 3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. NSTM 330 LIGHTING SYSTEMS rev 3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. NSTM 584 LANDING CRAFT STOWAGE AND SUPPORT SYSTEMS (LHA/LPD/LHD/LSD ONLY)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. BOAT HANDLING AND STOWAGE SYSTEM rev 1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. OPNAVINST 3130.6D SAR STANDARDIZATION PROGRAM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. SEARCH AND RESCUE MANUAL (NTTP 3-50.1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. OPNAVINST 3120.32C (SORM)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
23. SHIP INFORMATION BOOK HULL AND HULL MECHANICAL SYSTEMS (Ship specific)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
24. PACFLT UNREP GUIDE/ U.S. ATLANTIC FLEET UNDERWAY REPLENISHMENT GUIDE COMNAVSURFLANTINST 9010.1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
25. UNREP STATION CAPABILITIES HANDBOOK rev 2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
26. FXP 4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
27. SINGLE PROBE DELIVERY SYSTEM MANUAL (CVN/LHA/LHD)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
28. DECK EQUIPMENT BLUE PRINTS (ALL UNREP STATIONS DAVIT/ANCHOR/TOW/BE TOW/HEAVY WEATHER/PILOTS LADDER (Note: Safety related, mandatory prior to training)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
29. WEIGHT TEST DATA (BOAT SLINGS/DAVIT/J-BAR/RESCUE LITTER SLINGS/CRANE IF LSD/LPD 17 IS UTILIZING CRANE FOR SMALL BOAT OPS/SIDE PORT CRANE LPD 17 ONLY) (Note: Safety related, mandatory prior to training)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
30. SFTM 3502.1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
31. NAVAIR 13.1.6.5 RESCUE AND SURVIVAL EQUIPMENT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
32. GENERAL SPECIFICATIONS FOR OVERHAUL OF SURFACE SHIPS (GSO)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## II. CCR ADMINISTRATION

### (IAW ref 29 Chapter 2)

- |   |   | Y                        | N                        | NA                       |
|---|---|--------------------------|--------------------------|--------------------------|
| 1 | Has the MOB-S Admin Data Card been updated/completed within the last 90 days? Date: _____ | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2 | Are all Personnel CCR's met?<br>- If "N", see TORIS for list of discrepancies.            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3 | Are all Management CCR's met?<br>- If "N", see TORIS for list of discrepancies.           | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4 | Are all Material CCR's met?<br>- If "N", see TORIS for list of discrepancies.             | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

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## III. Administration

- |   |  |                          |                          |                          |
|---|--|--------------------------|--------------------------|--------------------------|
| 1 | <b>TORIS Data Cards / Scenarios (IAW ref 29 Chapter 2)</b>   | Y                        | N                        | NA                       |
|   | -Does STT use most recent MOB-S data cards?  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|   | -Are all scenarios approved by the current CO?   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2 | <b>Watch Quarter and Station Bill (IAW ref 21)</b>   | Y                        | N                        | NA                       |
|   | -Are all assignments for divisional personnel listed?  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|   | -Is bill posted in a conspicuous space/readily available and up-to-date?   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3 | <b>UNDERWAY REPLENISHMENT BILL (IAW ref 2,21) Does bill discuss and/or list:</b>   | Y                        | N                        | NA                       |
|   | -Inspections of stations, equipment, and tools.  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|   | -Briefings to be held. (Recommended)   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|   | -Rigging-in and securing of boats, ladders, lines, wires, etc on engaged side.   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|   | -Safety precautions to be observed.  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|   | -Sufficient personnel assigned.  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4 | <b>EMERGENCY BREAKAWAY-Definition, procedures, when executed, who may initiate, detention, and tripping pelican hook (IAW ref 2,21,)</b> | Y                        | N                        | NA                       |
|   | -Communication to be used internal and ship to ship.   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|   | -Responsibilities of Ship Control Safety Officer.  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|   | -Responsibilities of After steering Safety Officer.  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|   | -Responsibilities of XO.   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|   | -Responsibilities of OOD.  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|   | -Responsibilities of 1 <sup>st</sup> LT.   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|   | -Responsibilities of CHENG.  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|   | -Responsibilities of Station Safety Observer.  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|   | -Responsibilities of WEPS.   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|   | -Responsibilities of SUPPO.  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|   | -Indicates overall responsibility for this bill.   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

<b>5</b>	<b>EMERGENCY TOWING BILL (IAW ref 1,5,10,21): Does bill discuss and/or list:</b>	Y	N	NA
	-Procedures to be followed taking a ship in tow.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	-Procedures to be followed being taken in tow to include condition of shaft/rudder.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	-Duties of personnel assigned.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	-Casting off tow.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	-Briefings to be held. (Recommended)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	-Emergency procedures (i.e., Man Overboard, Loss of - Steering, Loss of Main Propulsion, etc.).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	-Ensure all spaces are secured for sea.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	-Safety precautions to be observed.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	-Communication to be used internal and ship to ship.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	-Indicates overall responsibility for this bill.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>6</b>	<b>MAN OVERBOARD BILL (IAW ref 11 VOL I,20,21): Does bill discuss and/or list:</b>	Y	N	NA
	-Recovery priorities.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	-Responsibilities of lifebuoy watch.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	-Duties of personnel assigned to various stations.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	-Equipment to be provided to the various stations.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	-Mustering of crew.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	-Safety precautions to be observed.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	-Indicates overall responsibility for this bill.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>7</b>	<b>GENERAL EMERGENCY BILL (ABANDON SHIP) (IAW ref 11,21): Does bill discuss and/or list:</b>	Y	N	NA
	-Procedures for abandoning ship.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	-Designated debarkation area.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	-Safety precautions to be observed.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	-Responsibilities of XO.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	-Responsibilities of OOD.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	-Responsibilities of 1 <sup>st</sup> LT.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	-Responsibilities of CHENG.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	-Responsibilities of NAV.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	-Responsibilities of WEPS.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	-Responsibilities of SUPPO.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	-Responsibilities of AIR BOSS. (CVN/LHD/LHA)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	-Indicates overall responsibility for this bill.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>8</b>	<b>ANCHOR LOG (IAW ref 8):</b>	Y	N	NA
	-Log properly maintained (IAW ref 21).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	-Ground Tackle data available including serial numbers, weights and maintenance conducted.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	-All entries made to indicate use of ground tackle.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>9</b>	<b>BOAT BILL (IAW ref 5,11,21): Does bill discuss and/or list:</b>	Y	N	NA
	-Indicates overall responsibility for this bill.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	-Responsibilities of XO.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	-Responsibilities of OOD.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	-Responsibilities of 1 <sup>st</sup> LT.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	-Responsibilities of NAV.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	-Responsibilities of Boat Officer.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	-Responsibilities of Coxswain.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	-Required equipage in boats.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	-Safety precautions to be observed.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<b>10 HEAVY WEATHER BILL (IAW ref 5,21): Does bill discuss and/or list:</b>	Y	N	NA
-Indicates overall responsibility for this bill.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Responsibilities of XO.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Responsibilities of OPS.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Responsibilities of OOD.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Responsibilities of 1 <sup>st</sup> LT.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Responsibilities of NAV.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Responsibilities of CHENG.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Responsibilities of WEPS.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Responsibilities of Command Duty Officer.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Lists Condition I, II, III, IV procedures.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>11 WATCH TEAM REPLACEMENT PLAN PERSONNEL MANAGEMENT: (OPNAVINST IAW ref 21/29 Tab N, PERS CCR #3).</b>	Y	N	NA
-Does WTRP project out four quarters and includes all MOB-S CCR's required stations?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>12 SEA/ANCHOR BILL (IAW ref 21): Does bill discuss and/or list:</b>	Y	N	NA
-Indicates overall responsibility for this bill.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Responsibilities of Dept Head.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Responsibilities of OOD.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Responsibilities of Division Officers.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Procedures for getting underway.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Safety precautions to be observed.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Procedures for entering port.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>13 PQS QUALIFIED TEAMS. (IAW ref 21)</b>	Y	N	NA
-Two UNREP teams (one for FFG/PC).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-One Towing detail. (NAVEDTRA 43127)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Forecastle/Deck recovery detail.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Boat lowering detail.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Three BMOW'S/Six Lookouts.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-STT must be PQS/JQR qualified and designated in writing (IAW ref 29).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Second class swim qualifications(All boat crews)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Crane qualifications. (ship specific)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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#### IV. Equipment

A. Does the following equipment meet all of these criteria:

1. Is the material condition of the following equipment / systems satisfactory IAW PMS and applicable technical publications?
2. Do the following systems (equipment) operate satisfactorily IAW PMS and applicable technical publications and allow for training (if applicable)?
3. Is there sufficient equipment onboard to support all evolutions IAW AEL/APL?

<b>1. BRIDGE TO BRIDGE PHONE/DISTANCE LINE: items onboard, properly made up, laid out and in good condition. (IAW ref 2,27)</b>	<b>Y</b>	<b>N</b>	<b>NA</b>
-Minimum of 350' of 1-1/2" circumference 3 strand, light weight polypropylene line tagged B/B phone/distance line).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Jack or jack box attached at each end and labeled PRI/SEC circuits (Operational test).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Distance markers (8" x 10") with 5" numerals 0 to 300', 20' apart 6' tail line at both ends, 3/4" nylon (attached near jack box and "0" marker)--Ring attached at the 350' end.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-200' of 6 thread messenger or 3/4" nylon spliced to the zero end with a ring and a 5" x 6" tag label at the bitter end labeled "BRI/BRI PHONE LINE".	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Proper station marker night and day available for the bridge to bridge phone line and adequate # of lights (IAW ref 2).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Lead line messenger (200' of 3/4 inch nylon with steel snap hook on both ends and a 5"x6" tag label "ATTACH ZERO END".	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
- Adequate number of blue and red chemical lights or one cell flashlights available for the bridge to bridge phone line (IAW ref 2,29).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>2. GENERAL SAFETY AND PERSONNEL PROTECTION: (IAW ref 2,5,13 and ships AEL)</b>	<b>Y</b>	<b>N</b>	<b>NA</b>
-Adequate number of safety harnesses with dyna brake and a working lanyard available as necessary.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Adequate number of modified life jackets for personnel working over the side. (orange-colored, inherently buoyant, vest-type life jackets) (IAW ref 2,13).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Control ship required to have and display hull contour lights (2 blue 25w lights both sides) (3 blue lights for ships over 600 ft) (May be portable IAW ref 2) (FUEL DELIVERY ONLY CVN/LHD/LHA only).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Full allowance of Kapoks with reflective tape attached, approved Sterns life vest, MK-1 with auto inflator (IAW ref COSAL, 13.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**3. STATION TO STATION PHONE LINE: the following items onboard properly made up and in good condition and on station (one per delivery station that can be operated concurrently) (Operational test). (IAW ref 2,7,22,27)**

	Y	N	NA
-350' minimum of 1-1/2", 3 strand polypropylene line with jack box at each end labeled "PRI/SEC".	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-6' long tail line (3/4" nylon passed through jack box eyes and attached at the inboard end for use in securing at the rail).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-200' length of 3/4" nylon passed through jack box eyes and spliced to the outboard end for use as a messenger with a steel snap hook and a 5'"x 6" canvas tag-labeled "STA/STA PHONE LINE").	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**4. ALONGSIDE REPLENISHMENT TOOLS AND MISC. EQUIPMENT: the following items onboard and in good condition (1 set for every station that can be operated concurrently both delivery and receiving). (IAW ref 2,12)**

	Y	N	NA
-1 Axe.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-1 each adjustable 15", 12", 10" wrenches.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-1 hammer 2-5 lbs.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-1 side cutter pliers 8".	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-2 16" marlinespikes.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-1 Sledge hammer 10-12 lbs.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Tool box or bag.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Allen wrenches (for end fittings/hose slip clamp) 2 each size.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-1 chain stopper (1/4" X 6' long).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-12 steel cotter pins 3/32" X 2".	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-1 pliers slip joint.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-2 screwdrivers (size to fit FAS clamps).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-1 each GRADE "B" high strength safety anchor shackles, 5/8", 3/4", 7/8".	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-1 each GRADE "B" high strength screw pin anchor shackles, 5/8", 3/4", 7/8".	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Signal wands (1 red, 2 green, 1 amber).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Day station markers available (may be painted one each station).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Helmet construction type with breakaway chin strap, color coded to indicate personnel position.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Helmet MK4 MOD 0 Kevlar (for all phone talkers).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Night station marker box (operational one each station).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Attachment point lights available.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-All major rig fittings painted white.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**5. PERSONNEL HIGHLINE TRANSFER: STATION RIGGED PROPERLY.  
(IAW ref 2,22,27,31-571)**

	Y	N	NA
-Personnel highline: 4" dbl braided polyester, minimum 350' long with NEWCO type thimble.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Inhaul at least 350' of 3" plaited polyester with soft eye splice.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Outhaul/Messenger 200' of 1-1/2" 3 strand nylon or plaited polyester, spliced into 534' of 3" 3 strand nylon with a 5" eye spliced into the 3" end, a "STEEL" snap hook spliced onto the 1-1/2" end, and Becketts.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Trolley block with grade "B" high strength safety anchor shackles, 3/4" or 7/8".	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Personnel transfer chair.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Wire preventer 1/2" x 2' long with 5/8" grade "B" high strength safety anchor shackles.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-1/2" link and jaw swivel with 1/2" x 2-1/2" nut & bolt with CRES washers a hole drilled into the threaded end to take a 3/32" x 2" cotter pin.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-1" GRADE "B" high strength safety anchor shackle.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-(2)-12" snatch blocks for highline, seized.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Deck working surface (NON-SKID) (IAW ref 5).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Required Safety/Operational Precautions posted (IAW ref 5/30).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-1 10" snatch block for inhaul and outhaul fairleads, seized.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Trolley flotation bag.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Transfer at sea litter, properly rigged with upper frame flotation and secured with 3/4" CRES bolt (threaded end drilled for cotter pin) and CRES nut, 2- CRES flat washers under bolt head and washer, and 2"X 3/32" steel cotter pin.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Cargo bag.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Temporary Lifeline properly rigged with 2-1/4" nylon.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**6. ASTERN REFUELING: MCM AND PC CLASS SHIPS. STATION RIGGED PROPERLY. (IAW ref 2,22,27,31-571)**

	Y	N	NA
-Inspect fuel hose for hydro test/o-rings/bands.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-2-1/2" quick disconnect coupling.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Grapnel hook (for Astern refueling) connected to 50' of 3" manila line with either 2-1" shackles or 1-10lb weight rigged "free for running along the line".	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Anti-chafing gear.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Signal flags 3' x 3' 1ea (red, white and green).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Drip pan (IAW ref 5).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Required Safety/Operational Precautions posted (IAW ref 5/30).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Jumper hose to reach within 10' of hose entry point.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Deck working surface (NON-SKID) (IAW ref 5).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Securing pendant (as per ship's blue prints).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



**7. RECEIVING FUEL ALONGSIDE via PROBE: the following items onboard: STATION RIGGED PROPERLY. (IAW ref 2,22,27,31-571)**

	Y	N	NA
-Inspect fuel hose for hydro test/o-rings/bands.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-(2) 12" snatch blocks for messenger, seized.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Drip pan (IAW ref 5).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Required Safety/Operational Precautions posted (IAW ref 5,30).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Easing-out line (12-21 thread).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Method of attaching easing out line.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Required Safety Precautions posted. (IAW ref 5,30).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Method of attaching easing out line.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Satisfactory night lighting system installed and operational (IAW ref 16).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Deck working surface (NON-SKID) (IAW ref 5).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-All shackles grade "B" high strength and seized if screw pin type.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Pre-reeve messenger rigged.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Rope Pendant 1-1/8" with 3/8" diameter oval thimbles on each end.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-2-1/4" Nylon Temporary lifeline properly made up and rigged.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Inspect fuel hose (hydro/o-rings).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Type D-2 nozzle receiver.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**8. DOUBLE PROBE:STATION RIGGED PROPERLY. (IAW ref 2,22,27,31-571)**

	Y	N	NA
-Inspect fuel hose for hydro test/o-rings/bands.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Probe receivers IAW ref 2.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Required Safety/Operational Precautions posted (IAW ref 5/30).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-(2) 12" snatch blocks for messenger, seize.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Drip pan (IAW ref 5).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Easing-out line (12-21 thread).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Method of attaching easing out line.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Satisfactory night lighting system installed and operational (IAW ref 16).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Deck working surface NON-SKID (IAW ref 5).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-All shackles grade "B" high strength and seized if screw pin type.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Pre-reeve messenger rigged.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-2-1/4" Nylon Temporary lifeline properly made up and rigged (IAW ref 2,5).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Short strap 18" of 1-1/8" nylon with steel snap hooks on each end (DOUBLE PROBE ONLY).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Long strap 42" of 1-1/8" nylon with steel snap hooks on each end (DOUBLE PROBE ONLY).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Remating line 3" nylon length to suit (Minimum 60' DOUBLE PROBE ONLY).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**9. RECIEVING FUEL ROBB/BREAKABLE SPOOL: STATION RIGGED PROPERLY. (IAW ref 2,3,12,22,27,31-571)**

	Y	N	NA
-Inspect fuel hose for hydro test/o-rings/bands.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Male end ROBB coupling and ROBB operating lever.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Riding line, 4" manila 25'-45' long with a 3/4" pear and Tackle, 2 fold.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Swivel Joint Assembly.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-2, 3 horned cleats on bulkhead or deck (fwd and aft).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Two fold tackle proper size.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Method of attaching easing out line.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Easing out line (12-21 thread).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Satisfactory night lighting system installed and operational (IAW ref 16).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Deck working surface NON-SKID (IAW ref 5).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Required Safety Precautions posted? (IAW ref 5,30).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2-1/4" Nylon Temporary lifeline properly made up and rigged (IAW ref 2).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-All shackles grade "B" high strength and seized if screw pin type.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Pre-reeve messenger rigged.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Adapter ell or reducer as required.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Breakable spool, NATO Quick-release coupling ("A" end).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Required Safety/Operational Precautions posted (IAW ref 5/30).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Drip pan (IAW ref 5).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**10. SINGLE PROBE DELIVERY RIG: the following items onboard and stations rigged. (IAW ref 2,3,12,22,27)**

	Y	N	NA
-Span wire /Span line IAW (ship's prints).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Saddle whips IAW (ship's prints).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Stress wires (CRES 1/2") length to suit.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Product ID stenciled (required for 2-1/2" hose only) and hoses tested/stenciled or tagged .Inspect fuel hose for o-rings/bands.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Required Safety/Operational Precautions posted (IAW ref 5,30).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Probe Carriage/trolleys properly rigged.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Star messenger properly made up (IAW ref 2).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Deck working surface (IAW ref 5).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Satisfactory night lighting installed and operational (IAW ref 16).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Messenger return line, 300' of 2-1/4" nylon with a Brummell hook spliced into one end.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Sleeve retractor.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Relatching tool.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Hose crimping tool.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Return line pendant.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**11. CLOSE-IN/SPAN LINE FUEL DELIVERY RIG: the following items onboard and stations rigged. (IAW ref 2,3,12,22,27,31-571)**

	Y	N	NA
-Inspect fuel hose (hydro/o-rings/bands).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Span line (IAW ref 27).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Saddle whips (IAW ref 2,27).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Stress wires (CRES 1/2") length to suit.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Product ID stenciled (required for 2-1/2" hose only) and hoses tested/stenciled or tagged IAW PMS MIP 5714.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Carriage/Fueling trolleys properly rigged (IAW ref 27) (SPAN LINE ONLY).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Star messenger properly made up.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Deck working surface (IAW ref 5).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Satisfactory night lighting installed and operational (IAW ref 16).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Messenger return line 300' of 2-1/4" 3 strand nylon with a Brummell hook spliced into one end.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Messenger return pendant (2-1/4" nylon).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Hose crimping tool.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Hose Crook.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-90 Degree Elbow (SPAN LINE ONLY).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Female ROBB Coupling (SPAN LINE ONLY).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Quick trip ROBB Coupling device (SPAN LINE ONLY).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Pelican hook (SPAN LINE ONLY).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Required Safety/Operational Precautions posted (IAW ref 5/30).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Type D-2/QRC nozzle.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**12. CARGO RECEIVING STATION: the following items on board and rigged. (IAW ref 2,22,27,31-571)**

	Y	N	NA
-Extender, UNREP (CG 47 and DDG 51 class only).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Method of attaching easing out line, 12-21 thread.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-1-1/8" Wire Rope Pendant.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-3" Manila Haul Down Line.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Down Haul Pad Assembly.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Pendant Pelican Hook.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Two Fold Tackle.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Deck working surface (IAW ref 5).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Rubber matting for ammo transfer (IAW ref 5).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-All shackles grade "B" high strength and seized if screw pin type.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Satisfactory night lighting system installed and operational (IAW ref 16).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-2-1/4" Nylon Temporary lifeline properly made up and rigged (IAW ref 2).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Deck working surface (IAW ref 5).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Required Safety/Operational Precautions posted (IAW ref 5,30).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Fairlead blocks (IAW ref 27 seized).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**13. TOW/BE-TOW: the following items on board and rigged.  
(IAW ref 1,8,10,22,27,31-582)**

	Y	N	NA
-Towing Hawser (minimum 550 ft inspected IAW ref 1,7,10).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Towing Hawser log (IAW ref 1).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-End fitting, TYPE END FITTING.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Tool box (IAW ships specific AEL).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Sledge Hammer.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Axe.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Chafing chain, if required.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Messenger; 600' of 3", 300' of 1-1/2" (10" hawser use 4" instead of 3").	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Retrieving line.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Jackstay, 3/4" wire.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Modified Towing Stopper.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Pre-reeve messenger (6-9 thread, length to suit, 3 req).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Deck working surface (Non-skid IAW ref 5).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Required Safety/Operational Precautions posted (IAW ref 5,30).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-4" X 4" Shoring (for chopping stop).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**14. ANCHOR WINDLASS, CHAIN APPENDAGES AND TOOLS: the following items onboard and in good condition. (IAW ref 5,8,10,22,27,31-581)**

	Y	N	NA
-Anchor Windlass Operational (IAW ref 8,22).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Mooring shackle (BUOY).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Cable jack.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Chain stopper wrench.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Tool box (IAW ships AEL).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Tapered pins and Tapered pins with hairpin groove.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Assembly punch and disassembly punch.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Hammer.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Spare hairpins.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Required Safety/Operational Precautions posted (IAW ref 5/30).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Lead plugs.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Anchoring Nomograph.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Punch handle.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**15. MOORING EQUIPMENT: the following items onboard and in good condition. (IAW ref 5,7,10,31-582)**

	Y	N	NA
-Mooring lines in good condition.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Messengers for line greater than 5" in circumference.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Tattletales (not required for Aramid lines IAW ref 10).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<b>16. LIFERINGS AND RING BUOY LIGHTS: the following items onboard and in good condition, at a minimum, available at all quarterdecks, replenishment stations, and man-overboard stations. (IAW ref 5,13)</b>	<b>Y</b>	<b>N</b>	<b>NA</b>
-Inherently buoyant ring buoy.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Ring buoy light attached to life ring with 4 feet of 1/4" polypropylene line.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Ship's name and hull number stenciled on life ring in black block letters.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Corrosion resistant mounting brackets for life rings and lights.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Reflective tape, 4 pieces 2" wide on both sides of the life ring 90 degrees apart, and a 2" wide strip around the light near the lens (IAW ref 13).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Ring Buoy, with length of 1/4" polyethylene line to suit the freeboard of ship, minimum of 2 in the QD area.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>17. MAN OVERBOARD EQUIPMENT: the following items onboard and in good condition. (Shipboard/Deck Recovery) (IAW ref 5,13,20,22,30)</b>	<b>Y</b>	<b>N</b>	<b>NA</b>
-J-Bar davits, 1 each port and starboard side (NTTP 3-50).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Minimum 8" Snatch blocks wood or metal.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Hoisting line (minimum 3" nylon 20 fathoms long) with 1/2" Safety Anchor Shackle to attach double rescue hook.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Double rescue hook with 5" long x 1" diameter hardwood dowel secured behind the splice.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-2 inch nylon vang lines.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Modified rescue strop (horse collar).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Rescue litter (stokes) with flotation assemblies.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Rescue litter hoisting sling assemblies.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Trail line assembly.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Heaving lines, 100' 3/8" poly line with international orange latex balls (6 req).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Swimmer/survivor tending line (3/4" polypropylene 800 lbs.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Test 300 yds long, equipped with compact reel and stainless steel snap hook 2 -3/8" on one end(2 req).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-V-blade rescue knife, with spare blades.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Portable DC flood lights (2 req) (OPERATIONAL).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Battle lantern (OPERATIONAL).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Temporary Lifeline properly rigged with 2-1/4" nylon.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Grapnel hooks 4 lb, 100', 1-1/2" nylon spliced to 1/4" chain (2 req).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Safety harness with dynabrake shock absorber.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Kapok/Approved Sterns Life Vest/MK1 (AUTO INFLATOR) life jacket with button hole in back for harness "D" ring.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Medical kit level "A".	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Blankets (2 req).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Rifle M-14/M-16 and ammo.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Chemical light straps (4 req).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-18" or 24" Life ring with minimum of 50 feet 3/8" polypropylene line attached (2 req).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Megaphone, portable battery operated (Operational).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	Y	N	NA
<b>18. RESCUE SWIMMER'S EQUIPMENT *TWO SETS REQUIRED*: the following equipment onboard. (IAW ref 20,30)</b>			
-One piece shorty.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Trouser and Jacket, long sleeve.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Hood.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Hook blade/J knife.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Gloves (5 finger type).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Boots.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Fins, U.S. Divers.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Mask, U.S. Divers.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Chemlight attachment bar and clamp.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Snorkel, U.S. Divers.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Rescue Swimmers Flotation Device LPU-28A/P.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Swimmer harness.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-(2) 4" Chemlight.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-(2) 6" Chemlight.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-SDU-5E strobe/Fire Fly light (lens modified to blue light and operational).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Dry Suit Liner: Exotherm (III, or CWU-72P) labeled with ship's name.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Dry Suit labeled with ship's name (IAW COMNAVSURPAC MSG R2713152Z).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Whistle, orange flat.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Rescue Swimmers Knife.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Kit Bag, fliers.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>19. MAN OVERBOARD EQUIPMENT *SMALL BOAT RECOVERY*: the following equipment onboard and operational. (IAW ref 11,13,20,30 and ships AEL)</b>	Y	N	NA
-Boat hook 6 feet long.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Grapnel hooks (4 lbs, 100', 1-1/2" nylon spliced to 1/4" chain) (2 req).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Hatchet.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Battle lanterns (2 req).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-"D" cell Flashlights (2 req).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-V-blade rescue knife.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Radio, set portable or fixed.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Signal light, portable.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Medical kit level "A".	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Signal Kit, Illumination Mk 79 Pencil Flares, or Veri.-Pistol and flares (Within expiration date).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-9MM Pistol at CO Discretion (IAW ref 20).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Swimmer/survivor tending line, 3/4" polypropylene, 800 lbs test 300 yds long, equipped with compact reel and stainless steel snap hook 2-3/8".	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-SAR Medevac litter.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Heaving lines, 100' 3/8" poly line with international orange latex balls (2 req).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<b>20. SMALL BOAT EQUIPMENT: the following items onboard for every boat in a ready davit. (IAW ref 5,11,22)</b>	Y	N	NA
-Small boat (ENGINE MUST OPERATE).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Navigation lights (Operational).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Emergency tiller.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Portable Sound signaling device (Operational).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Installed horn works.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Fueling instructions posted.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Recall/lifeboat signals posted.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Standing orders for a boat coxswain kept in each boat.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Life jackets (IAW boat AEL).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-18" Life rings w/RHIB, 24" Life rings W/MWB with reflective tape.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Fire extinguisher (Operational and IAW PMS).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Capacity label plate.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Boat compass (compass card within periodicity and IAW PMS).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>21. SMALL BOATS AND BOAT DAVITS: the following equipment associated with ship's boats in a ready davit. (IAW ref 5,11,18,22,27)</b>	Y	N	NA
-Boat handling system (Operational).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Davits material condition (IAW ref 11,27,31).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Monkey lines 3" plaited nylon with a knot every 18 inches along the line to the bitter end (N/A FOR SLAD) (NAVSEA DWG 803-5184124/SHIPS DWG).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Boat release hooks.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Gripes/preventers.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Limit/interlock/over-travel and disconnect switches as applicable (IAW ref 583 VOL II and PMS).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Sheaves and fairleads (IAW ref 11).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Boat winches (IAW ref 11).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Label plate showing hoisting and lowering capacity of davit.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Safe hoisting or slewing stripes as applicable.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Steadying lines and sea painter rigged.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Satisfactory night lighting system installed and operational (IAW ref 16).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>22. ABANDON SHIP EQUIPMENT: the following equipment onboard. (IAW ref 5,11,13,22)</b>	Y	N	NA
-Full allowance of life rafts on board.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Life rafts hydrostatic release and straps properly secured.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Life rafts equipped with sea painters and properly secured.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Personnel assigned to Abandon ship station IAW 21.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Muster lists available at each muster station.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

23. SAFETY PRECAUTIONS AND OPERATING PROCEDURES PLACARDS: the following placards posted. (IAW ref 5,31)	Y	N	NA
-Boat handling system, davits/winch, operating and safety.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Ground tackle precautions, anchor windlass/ground tackle, safety and operating.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Towing be towed safety placards.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Capstans/gypsy heads (operating and safety placards.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Men working aloft/working over the side (safety).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-UNREP warning signs as necessary.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Abandon ship.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Lubrication Chart (Davit/Anchor windless/Capstans).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
24. Pilots Ladder: Was the Pilots ladder rigged. (IAW ref 5,27)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
- Inspect spreader bars for damage.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Inspect grab rods and handrails.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Inspect manropes.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Verify fenders are rigged.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Verify lighting for night operation.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-Inspect ladder rungs for damage.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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